



# Stormwater Retrofit Planning Project for WRIA 9

## PROJECT OBJECTIVES

- To assess stormwater retrofit needs
- To establish approaches that minimizes costs while meeting needs
- To develop prioritization approach
- To present plan to WRIA 9 Watershed Ecosystem Forum for consideration
- To extrapolate costs to rest of Puget Sound to establish sound-wide retrofit cost estimate

## SCHEDULE

### 2010

- begin data collection

### 2011

- finish data collection
- set in-stream goals
- watershed modeling

### 2012

- retrofit modeling

### 2013

- prioritization
- plan development
- extrapolation to rest of Puget Sound



## PROJECT AREA

- WRIA 9; Green-Duwamish Watershed and direct drainages to Puget Sound
- Excluding headwaters upstream of Howard Hanson Dam (forested) and the City of Seattle (combined system)

## PROJECT TEAM AND FUNDING

Organization	EPA Funding	Local Match
USEPA	*	*
King County	\$707k	\$300k
University of Washington	\$243k	\$20k
Department of Ecology	**	**
City of Auburn	0	\$5k
City of Covington	0	\$5k
City of SeaTac	0	\$5k
Kellogg Consulting	\$50k	0

\* USEPA contributing \$1M in grant funding, and staff time to project management team.

\*\* Ecology contributing staff time to project management team and updating retrofit database

## WHY ARE RETROFITS IMPORTANT?

- Stormwater causes major damage to streams
- Improve fish habitat
- Recover Puget Sound ecosystem
- Large portions of developed areas have no or inadequate controls
- Flow and water quality are important

## PROJECT CONTACT

Jim Simmonds  
King County  
Jim.Simmonds@KingCounty.gov